

[illegible]

```
0001 0 %TITLE 'Skips <comma-separator>s'
0002 0 MODULE SKPSEP (
0003 0 IDENT = 'V04-000'
P 0004 0 %BLISS32C,
P 0005 0 ADDRESSING_MODE(EXTERNAL=LONG_RELATIVE,NONEXTERNAL=LONG_RELATIVE)
0006 0 ]
0007 0 ) =
0008 1 BEGIN
0009 1
0010 1 *****
0011 1 *
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0029 1 *
0030 1 *
0031 1 *****
0032 1
0033 1 ++
0034 1 FACILITY: DSR (Digital Standard RUNOFF) / DSRPLUS
0035 1
0036 1 ABSTRACT: Skips a <comma-separator> (i.e., 'spaces ',' spaces')
0037 1
0038 1
0039 1 ENVIRONMENT: Transportable
0040 1
0041 1 AUTHOR: R.W.Friday CREATION DATE: January, 1979
0042 1
```


SKPSEP
V04-000

Skips <comma-separator>s
Revision History

M 6
16-Sep-1984 01:48:09
14-Sep-1984 13:08:11

VAX-11 Bliss-32 V4.0-742
[RUNOFF.SRC]SKPSEP.BLI;1

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:	44	0043	1	%SBTTL 'Revision History'
:	45	0044	1	
:	46	0045	1	MODIFIED BY:
:	47	0046	1	
:	48	0047	1	003 REM00003 Ray Marshall 07-Mar-1983
:	49	0048	1	Global edit of all modules. Updated module names, idents,
:	50	0049	1	copyright dates. Changed require files to BLISS library.
:	51	0050	1	
:	52	0051	1	--

STC
V04

```
.. 54      0052 1 %SBTTL 'Module Level Declarations'
.. 55      0053 1
.. 56      0054 1  TABLE OF CONTENTS:
.. 57      0055 1
.. 58      0056 1
.. 59      0057 1  INCLUDE FILES:
.. 60      0058 1
.. 61      0059 1
.. 62      0060 1  LIBRARY 'NXPORT:XPORT';      ! XPORT Library
.. 63      0061 1  REQUIRE 'REQ:RNODEF';      ! RUNOFF variant definitions
.. 64      0192 1
.. 65      U 0193 1  %IF DSRPLUS %THEN
.. 66      U 0194 1  LIBRARY 'REQ:DPLLIB';      ! DSRPLUS BLISS Library
.. 67      0195 1  %ELSE
.. 68      0196 1  LIBRARY 'REQ:DSRLIB';      ! DSR BLISS Library
.. 69      0197 1  %FI
.. 70      0198 1
.. 71      0199 1
.. 72      0200 1  EXTERNAL REFERENCES:
.. 73      0201 1
.. 74      0202 1
.. 75      0203 1  EXTERNAL
.. 76      0204 1  KHR;
```

```
78 0205 1 XSBTTL 'SKPSEP --'
79 0206 1 GLOBAL ROUTINE skipsep (ira) =
80 0207 1
81 0208 1 ++
82 0209 1 FUNCTIONAL DESCRIPTION:
83 0210 1
84 0211 1 Skips over a comma surrounded by any number of spaces and tabs
85 0212 1 until neither is found.
86 0213 1
87 0214 1 FORMAL PARAMETERS:
88 0215 1
89 0216 1 IRA is the string that is to be scanned.
90 0217 1
91 0218 1 IMPLICIT INPUTS:      None
92 0219 1
93 0220 1 IMPLICIT OUTPUTS:   None
94 0221 1
95 0222 1 ROUTINE VALUE:
96 0223 1 COMPLETION CODES:
97 0224 1
98 0225 1 Returns TRUE if a comma was found, else FALSE.
99 0226 1
100 0227 1 SIDE EFFECTS:        None
101 0228 1
102 0229 1 --
103 0230 1
104 0231 1 BEGIN
105 0232 1 LOCAL
106 0233 1 result;
107 0234 1
108 0235 1 MAP
109 0236 1 ira : REF fixed_string;
110 0237 1
111 0238 1 result=false;          !Assume no comma.
112 0239 1
113 0240 1 !Skip spaces and tabs before the comma.
114 0241 1 WHILE (.khar EQL %C' ')      !space
115 0242 1 OR (.khar EQL %O'011')      !tab
116 0243 1 DO
117 0244 1 kcns ();
118 0245 1
119 0246 1 !Skip the comma
120 0247 1 IF .khar EQL %C',' THEN
121 0248 1 BEGIN
122 0249 1 kcns ();
123 0250 1 result=true;
124 0251 1 END;
125 0252 1
126 0253 1 !Skip spaces and tabs after the comma.
127 0254 1 WHILE (.khar EQL %C' ')      !space
128 0255 1 OR (.khar EQL %O'011')      !tab
129 0256 1 DO
130 0257 1 kcns ();
131 0258 1
132 0259 1 !Return the result of the scan.
133 0260 1 RETURN .result
134 0261 1
```


SKPSEP
V04-000

Skips <comma-separator>s
SKPSEP --

; 135

0262 1 END;

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[RUNOFF.SRC]SKPSEP.BLI;1

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!End of SKPSEP

53	00000000G	000C	00000	.ENTRY	SKPSEP, Save R2,R3	0206
		EF	9E 00002	MOVAB	KHAR, R3	
		52	D4 00009	CLRL	RESULT	0238
51	04	AC	D0 0000B	MOVL	IRA, R1	0244
50	0C	A1	9E 0000F	MOVAB	12(R1), R0	
20		63	D1 00013 1\$:	CMPL	KHAR, #32	0241
		05	13 00016	BEQL	2\$	
09		63	D1 00018	CMPL	KHAR, #9	0242
		18	12 0001B	BNEQ	4\$	
		60	D5 0001D 2\$:	TSTL	(R0)	0244
		09	14 0001F	BGTR	3\$	
63	00G	8F	9A 00021	MOVZBL	#RINTES, KHAR	
60		01	CE 00025	MNEGL	#1, (R0)	
		E9	11 00028	BRB	1\$	
63	04	B1	9A 0002A 3\$:	MOVZBL	@4(R1), KHAR	
	04	A1	D6 0002E	INCL	4(R1)	
		60	D7 00031	DECL	(R0)	
		DE	11 00033	BRB	1\$	
2C		63	D1 00035 4\$:	CMPL	KHAR, #44	0247
		19	12 00038	BNEQ	7\$	
		60	D5 0003A	TSTL	(R0)	0249
		09	14 0003C	BGTR	5\$	
63	00G	8F	9A 0003E	MOVZBL	#RINTES, KHAR	
60		01	CE 00042	MNEGL	#1, (R0)	
		09	11 00045	BRB	6\$	
63	04	B1	9A 00047 5\$:	MOVZBL	@4(R1), KHAR	
	04	A1	D6 0004B	INCL	4(R1)	
		60	D7 0004E	DECL	(R0)	
52		01	D0 00050 6\$:	MOVL	#1, RESULT	0250
20		63	D1 00053 7\$:	CMPL	KHAR, #32	0254
		05	13 00056	BEQL	8\$	
09		63	D1 00058	CMPL	KHAR, #9	0255
		18	12 0005B	BNEQ	10\$	
		60	D5 0005D 8\$:	TSTL	(R0)	0257
		09	14 0005F	BGTR	9\$	
63	00G	8F	9A 00061	MOVZBL	#RINTES, KHAR	
60		01	CE 00065	MNEGL	#1, (R0)	
		E9	11 00068	BRB	7\$	
63	04	B1	9A 0006A 9\$:	MOVZBL	@4(R1), KHAR	
	04	A1	D6 0006E	INCL	4(R1)	
		60	D7 00071	DECL	(R0)	
		DE	11 00073	BRB	7\$	
50		52	D0 00075 10\$:	MOVL	RESULT, R0	0260
		04	00078	RET		0262

; Routine Size: 121 bytes, Routine Base: \$CODE\$ + 0000

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!End of module
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